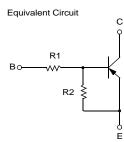


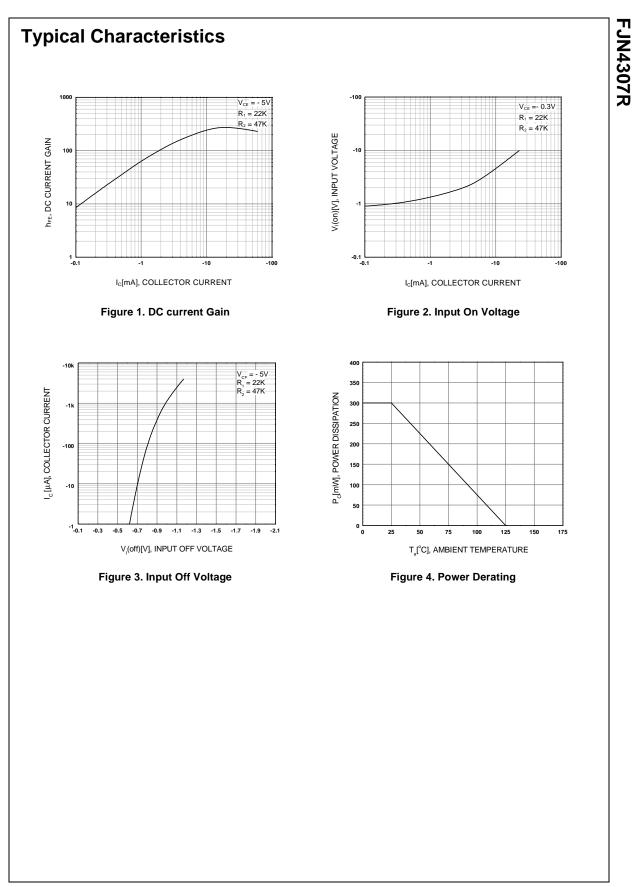
Absolute Maximum Ratings T_a=25°C unless otherwise noted

Symbol	Parameter	Value	Units	
V _{CBO}	Collector-Base Voltage	-50	V	
V _{CEO}	Collector-Emitter Voltage	-50	V	
V _{EBO}	Emitter-Base Voltage	-10	V	
I _C	Collector Current	-100	mA	_
P _C	Collector Power Dissipation	300	mW	_
TJ	Junction Temperature	150	°C	_
T _{STG}	Storage Temperature	-55 ~ 150	°C	_

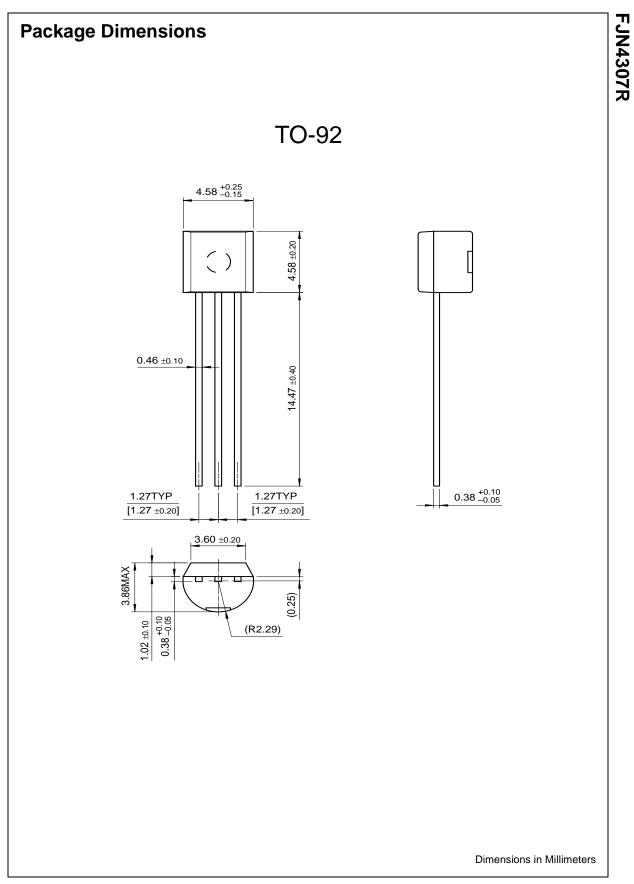


Electrical Characteristics Ta=25°C unless otherwise noted

Symbol	Parameter	Test Condition	dition Min.		Max.	Units	
BV _{CBO}	Collector-Base Breakdown Voltage	I _C = -10μΑ, I _E =0	-50			V	
BV _{CEO}	Collector-Emitter Breakdown Voltage	I _C = -100μA, I _B =0	-50			V	
I _{CBO}	Collector Cut-off Current	V _{CB} = -40V, I _E =0			-0.1	μΑ	
h _{FE}	DC Current Gain	V _{CE} = -5V, I _C = -5mA	68				
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C = -10mA, I _B = -0.5mA			-0.3	V	
C _{ob}	Output Capacitance	V _{CB} = -10V, I _E =0 f=1MHz		5.5		pF	
f _T	Current Gain-Bandwidth Product	V _{CE} = -10V, I _C = -5mA		200		MHz	
V _I (off)	Input Off Voltage	V _{CE} = -5V, I _C = -100μA	-0.4			V	
V _I (on)	Input On Voltage	V _{CE} = -0.3V, I _C = -2mA		-2.5	V		
R ₁	Input Resistor		15	22	29	KΩ	
R_1/R_2	Resistor Ratio		0.42	0.47	0.52		



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